



Map Your Data Landscape

Part of the DATA LITERACY FOR INSTRUCTIONAL LEADERS Series

Introduction

Data literacy is the ability to gather, interpret, and use multiple data sources effectively to improve student learning. Multiple sources of data do not mean data of all the same type. There are four main types of data: student learning, demographics, perceptions, and process data (Bernhardt, 2009). To be most effective, instructional leaders and teachers need relevant data, all four types of data, and data at the right time. To make good use of available data, one must first know one's data landscape.

Alignment with PADEPP Standards and Criteria

This professional learning activity can be used as part of PADEPP Standard 9 to develop and implement an appropriate annual professional development plan. In addition to Standard 9, this professional learning activity aligns with the following PADEPP standard(s):

Standard 2: Instructional Leadership

An effective educational leader fosters the academic success and well-being of each student by leading the development and alignment of the organizational, instructional, and assessment strategies that enhance teaching and learning.

- Ensures the use of data from appropriate assessments and educational research to continuously monitor progress and strategically improve instruction in response to ongoing progress monitoring.

Competency

In order to monitor and evaluate the effectiveness of programs and promote the growth of students, the instructional leader must be able to map his/her own data sources to ensure available data are of all four types and that the data are available when needed.

Instructions

Please complete items 1 through 5 on the attached worksheet as thoroughly as you can. The table in the worksheet may be too small. Feel free to create your own and include it with the work.

Learning Resources

South Carolina Department of Education. (2017). *Map your data landscape*.

Proof of Learning Rubric

Evidence	Not Proficient	Proficient	Exemplary
Completion of Worksheet	The leader's worksheet is not complete.	The leader's worksheet contains thoughtful responses to all items.	The leader's worksheet contains thoughtful responses to all items, and goes beyond requirements to include additional planning and/or reflection.

Submission Guidelines

The principal or instructional leader should submit his/her proof of learning to a supervisor and discuss next steps.

Map Your Data Landscape Worksheet

Directions: Please answer the following questions or follow directions as requested. The intent of this worksheet is to help you think through and reflect on your data landscape.

1. What are your questions during the school year? (In other words, what do you need to know in order to monitor and evaluate the effectiveness of programs and promote the growth of students throughout the year?)
2. In the table below, list the data sources (by type and availability) you use throughout the year to monitor, evaluate, and make decisions. Note that the cells do not need to be filled equally.

Type of Data	Available Immediately/Daily	Available Periodically	Available Annually
Student Learning			
Demographics			
Perceptions			
Process			

3. Reflect on the completed map of your data landscape. Do you use all four types of data in your decision-making? Are the data you need available when needed?
4. Does your data landscape need to be enriched? If so, what do you need and how will you achieve that?
5. How might a teacher's data landscape differ from yours?